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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant : Cristina Gomila et al.  
Serial No. : 10/569,318  
Filed : February 22, 2006  
For : METHOD AND APPARATUS FOR MODELING FILM GRAIN  
: PATTERNS IN THE FREQUENCY DOMAIN  
Examiner : Not Yet Assigned  
Art Unit : 2812

INFORMATION DISCLOSURE STATEMENT

- ☒ 1 Pursuant to 37 CFR 1.97(b)  
[within 3 months of filing or prior to 1st Office Action]  
☐ 2 Pursuant to 37 CFR 1.97(c)  
[before Final Office Action or Allowance]  
☐ 3 Pursuant to 37 CFR 1.97(d)  
[after Final Office Action or Allowance, but prior to payment of Issue Fee]]

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The following are submitted in the above-identified application in compliance with 37 CFR 1.97 & 1.98:

- ☒ 4 A list of documents on form PTO/SB/08a and/or PTO/SB/08b together with copies of each identified document and a translation or a concise explanation of each non-English language document is enclosed herewith.

This paper is submitted in accordance with:

- ☒ 5 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]  
☐ 6 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and  
[ ] (a) The required certification made in item 8(a) below; **OR**  
[ ] (b) The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 9 below.  
☐ 7 37 CFR 1.97(d): [after Final Office Action or Allowance, but prior to payment of Issue Fee]; and  
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[ ] (b) The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 9 below.

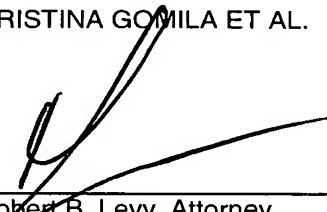
☐ 8 Certification

- ☐ (a) Each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
- ☐ (b) No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.

☒ 9 Please charge the applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 07-0832. An original and one (1) copy of this document is enclosed.

Respectfully submitted,  
CRISTINA GOMILA ET AL.

By:

  
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Substitute for form 1449A/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Application Number</b>	10/569318	
			<b>Filing Date</b>	FEBRUARY 22, 2006	
			<b>First Named Inventor</b>	CRISTINA GOMILA ET AL.	
			<b>Group Art Unit</b>	2812	
			<b>Examiner Name</b>		
Sheet	1	of	3	<b>Attorney Docket Number</b>	PU030259

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		US20020034337		SHEKTER	03-21-2002	
		US4935816		FABER	06-19-1990	
		US5140414		MOWRY	08-18-1992	
		US5335013		FABER	08-02-1994	
		US5374954		MOWRY	12-20-1994	
		US5406326		MOWRY	04-11-1995	
		US5471572		BUCHNER ET AL.	11-28-1995	
		US5475425		PRZYBORSKI ET AL.	12-12-1995	
		US5629769		COOKINGHAM ET AL.	05-13-1997	
		US5641596		GRAY ET AL.	06-24-1997	
		US5687011		MOWRY	11-11-1997	
		US5709972		COOKINGHAM ET AL.	01-20-1998	
		US5767860		ZIMMER ET AL.	06-16-1998	
		US5831673		PRZYBORSKI ET AL.	11-03-1998	
		US5457491		MOWRY	10-10-1995	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		EP	EP0622000		FABER	10-15-1992		
		EP	EP1175091		PRZYBORSKI ET AL.	01-23-2002		
		EP	EP1215624		EASTMAN KODAK COMPANY	06-19-2002		
		WO	WO0146992		BROWN UNIVERSITY RESEARCH	06-28-2001		
		WO	WO0177871		DEMOGRAFX	10-18-2001		
		WO	WO2004104931		THOMSON LICENSING S.A.	12-02-2004		
		WO	WO9314591		FABER	07-22-1993		
		WO	WO9520292		PRZYBORSKI ET AL.	07-27-1995		
		WO	WO9722204		PRZYBORSKI	06-19-1997		

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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			<b>Application Number</b>	10/569318	
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<b>Sheet</b>	2	<b>of</b>	3	<b>Attorney Docket Number</b>	PU030259

<b>OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS</b>			
<b>Examiner Initials*</b>	<b>Cite No.<sup>1</sup></b>	<b>Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.</b>	<b>T<sup>2</sup></b>
		, AL-SHAYKH ET AL, "Lossy Compression of Images Corrupted by Film Grain Noise," School of Electrical and Computer Engineering, 1996 IEEE.	
		, AL-SHAYKH ET AL, "Restoration of Lossy Compressed Noisy Images," IEEE Transactions on Image Processing, Vol. 8, No. 10, October 1999.	
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		, PRADES-NEBOT ET AL, "Rate Control for Fully Fine-Grained Scalable Video Coders," Visual Communications and Image Processing 2002, Proceedings of SPIE, Vol. 4671 (2002), SPIE 0277-786X/02.	
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